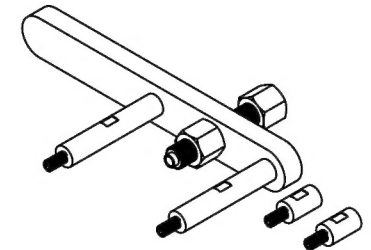
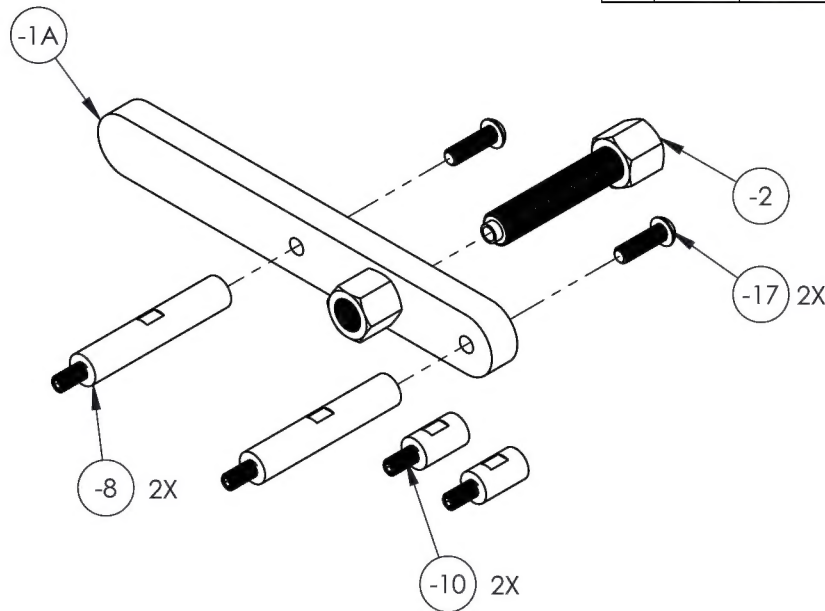


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MATERIAL FOR -7 CH'D TO H-13 AFTER CRACKING PROBLEM.	1/20/2003		
2		-9 & -11 MATERIAL CH'D TO ROUND BAR FOR EASE OF MANUFACTURE.	7/25/2003		
3		SEPARATED -7 PULLER & -5 SHAFT PLUG INTO 269T9336-101 LOWER PULLEY KIT, THE REMAINING ITEMS 269T9336-105 JACK SCREW SET.	10/24/2006	WP	
4		ADDED SET SCREW & DIM TO -9 & -11, ALSO NEW REVISION TABLE.	8/6/2007	WP	
5		CHANGED HIGH NUT TO COUPLING NUT BY MCMASTER-CARR.	10/28/2008	WP	
5A		CH'D REVISIONS TO NUMERICAL, CH'D TITLEBLOCK & REVISION BLOCK, MOVED P/N'S -3, -9, & -11 TO SHEET 2.	7/1/2009	RJC	RW
5B		ADDED INSTRUCTIONS.	2/16/2010	RJC	RW
5C		ADDED NOTE 2.	12/23/2010	RJC	RW
6	16-0043	DELETED NOTE 2. -1A & -2 ADDED WELDMENT. -1 CH'D DIM WAS Ø.377 X 2 IS 2X Ø.397, ADDED 3X .75. -1A ADDED NOTE 1. -3 ADDED DIM 118°. -8 & -10 ADDED ASSY. DRAWING. -9 ADDED ENGRAVE ".9". -11 ADDED ENGRAVE "-11". ADDED P/N'S FOR BUYOUTS -13, -15 & -17.	2/23/2016	RJC	JAG



#### NOTES:

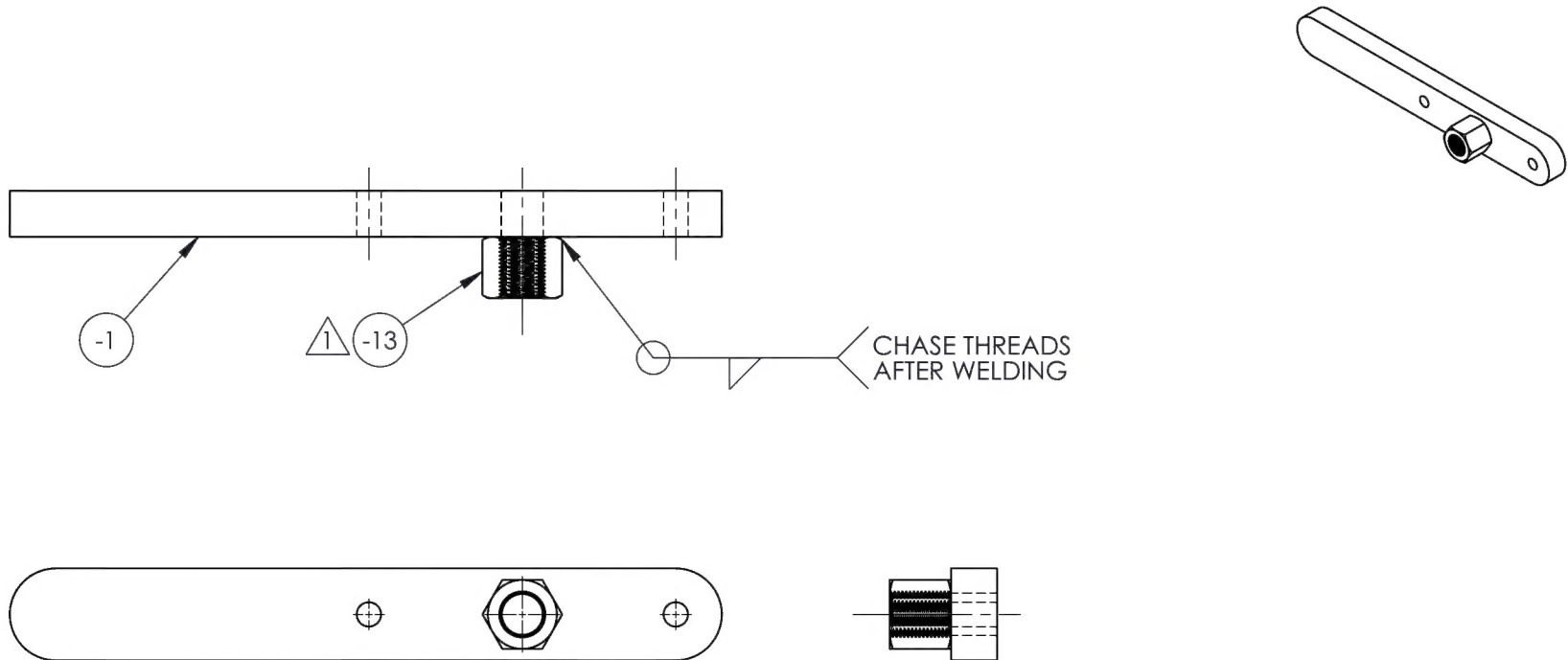
1. USED IN CONJUNCTION WITH 369T9336-101 AND 369T9336-103 PULLEY BEARING PULLER KITS.
3. REFERENCE SCHWEIZER SERVICE LETTER L-174.
4. USED ON MODEL SCHWEIZER 269 UPPER & LOWER PULLEY BEARINGS.

ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		1		-1		BAR	1018/1020 CR		3
		X		-1A	1	BAR WELDMENT			2
		X		-2	1	PULLER BOLT WELDMENT			4
		1		-3		ALL THREAD	STEEL, B7	3/4-16 X 4-1/2 (MCMASTER-CARR #98750A496) MOD.	5
	X			-8	2	ATTACHMENT ROD ASSY.			6
	1			-9		ATTACH ROD	SP		7
X				-10	2	ATTACHMENT ROD ASSY.			8
1				-11		ATTACH ROD	SP		9
		1	1	B/O -13		COUPLING NUT	STEEL, GRD 8	3/4-16 (MCMASTER-CARR #90565A340)	2
1	1			B/O -15		SET SCREW	S.S.	3/8-16 X 1-1/2 (MCMASTER-CARR #92311628)	6, 8
				B/O -17	2	B. H. SOCKET HEAD CAP SCREW	STEEL	3/8-16 X 1-1/4 (MCMASTER-CARR #91255A626)	1
ASSY -10	ASSY -8	ASSY -2	ASSY -1A						

<b>DART AEROSPACE</b>	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105</b>	REV <b>6</b>
MAT'L <b>HEAT TREAT FINISH</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: <b>COLE</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: <b>DUERFELDT</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: <b>ANDERSON</b>	USED ON MODEL
QA APPR: <b>LINDSAY</b>	SEE NOTE 3 & 4
APPROVED: <b>GILBERT</b>	
SCALE <b>1:4</b>	DATE <b>12/13/2001</b>
SHEET 1 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0043	-1A ADDED WELDMENT, ADDED NOTE 1.	2/23/2016	RJC	JAG



NOTE:

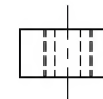
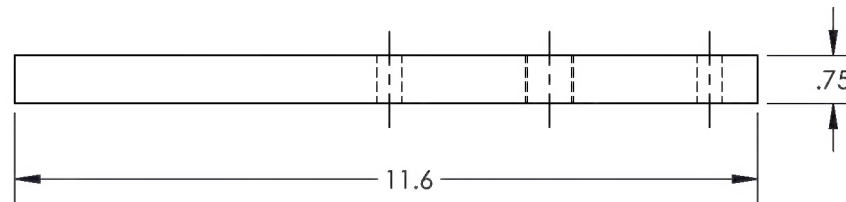
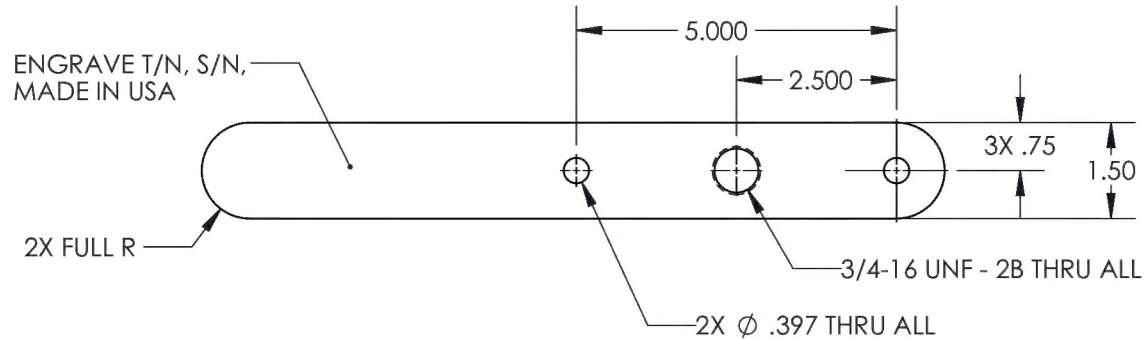
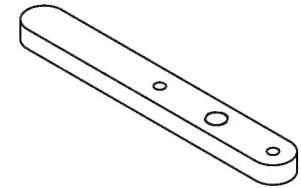
1 USE 3/4-16 ROD TO ALIGN PRIOR TO WELDING.

-1A  
BAR WELDMENT

<b>DART</b> AEROSPACE	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105-1A</b>	REV <b>6</b>
MAT'L REAR TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: COLE	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	SEE NOTE 4 SHT 1
SCALE 1:3	DATE 12/13/2001
SHEET 2 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0043	-1 CH'D DIM WAS Ø.377 X 2 IS 2X Ø.397, ADDED 3X .75.	2/23/2016	RJC	JAG



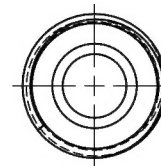
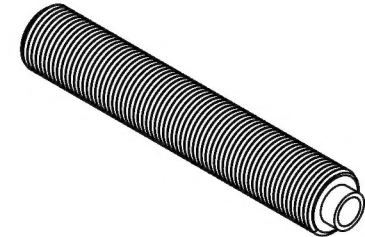
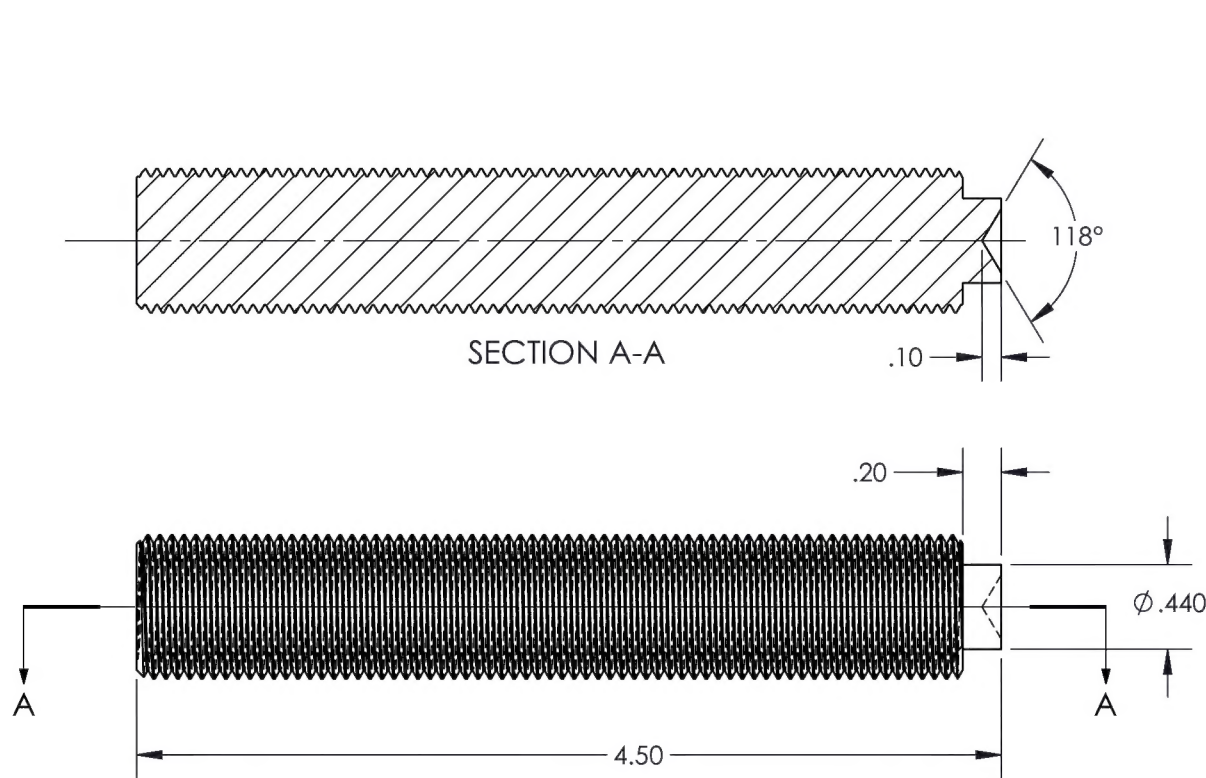
(-1)  
BAR

<b>DART AEROSPACE</b>	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105-1</b>	REV <b>6</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE - 1A	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: COLE	.X ± .1 SURFACES = 125✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:3	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 12/13/2001	USED ON MODEL
SHEET 3 OF 10	SEE NOTE 4 SHT 1



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	16-0043	-3 ADDED DIM 118°.	2/23/2016	RJC	JAG

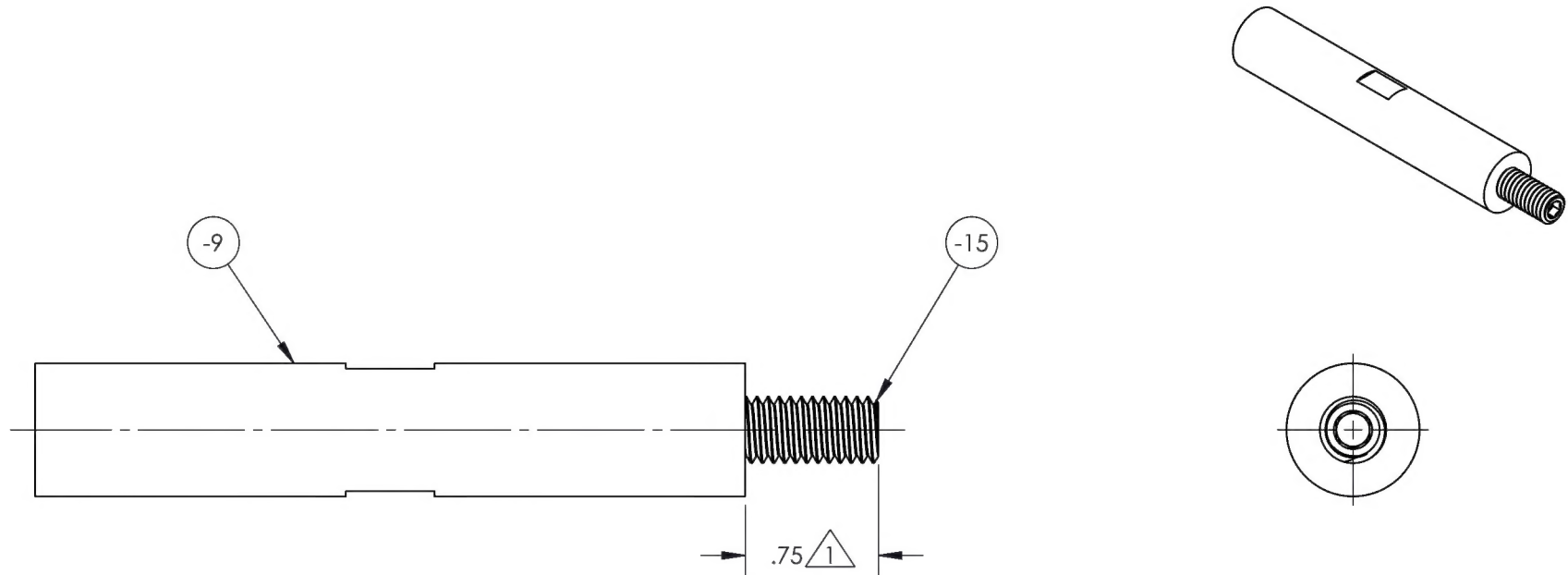


(-3)  
ALL THREAD

<b>DART AEROSPACE</b>	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105-3</b>	REV <b>6</b>
MAT'L STEEL, B7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	COLE
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
SEE NOTE 4 SHT 1	
SCALE 1:1	DATE 12/13/2001
SHEET 5 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0043	-8 ADDED ASSY. DRAWING.	2/23/2016	RJC	JAG



NOTE:

 LOCTITE -15 INTO -9.

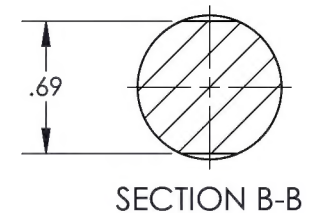
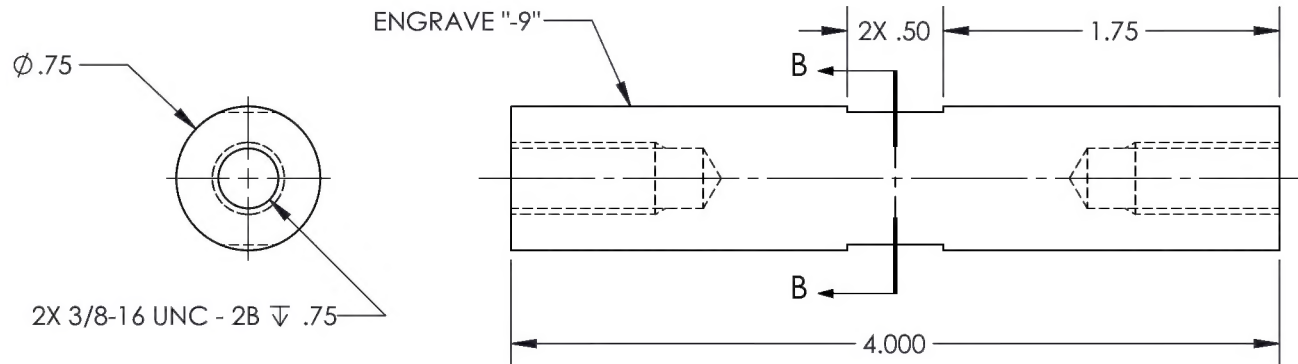
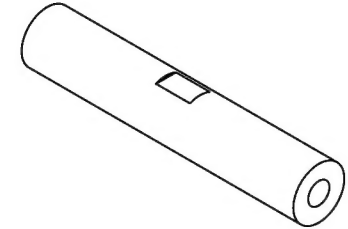
-8  
ATTACHMENT ROD ASSY.

<b>DART</b> AEROSPACE	
TITLE PULLEY BEARING SCREW SET	
DWG NO. 269T9336-105-8	REV. 6
MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: COLE	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	SEE NOTE 4 SHT 1
APPROVED: GILBERT	
SCALE 1:1	DATE 12/13/2001 SHEET 6 OF 10



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-9 MATERIAL CH'D TO ROUND BAR FOR EASE OF MANUFACTURE.	7/25/2003		
4		ADDED SET SCREW & DIM TO -9, ALSO NEW REVISION TABLE.	8/6/2007	WP	
6	16-0043	-9 ADDED ENGRAVE "-9".	2/23/2016	RJC	JAG



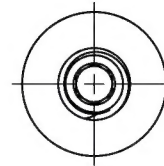
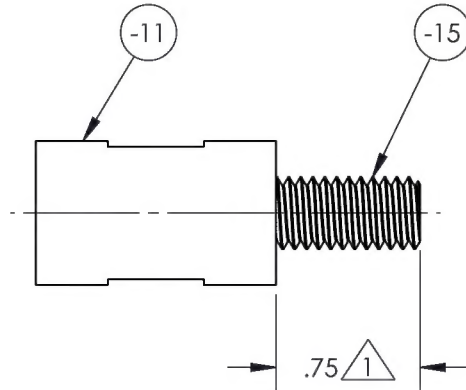
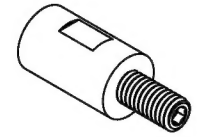
-9

ATTACH ROD

<b>DART</b> AEROSPACE	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105-9</b>	REV <b>6</b>
MAT'L SP <b>REAT</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FINISH <b>BLACK OXIDE</b>	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: <b>COLE</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>DUERFELDT</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	SEE NOTE 4 SHT 1
SCALE <b>1:1</b>	DATE <b>12/13/2001</b>
SHEET 7 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0043	-10 ADDED ASSY. DRAWING.	2/19/2016	RJC	JAG



NOTE:

1 LOCTITE -15 INTO -11.

-10

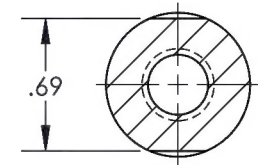
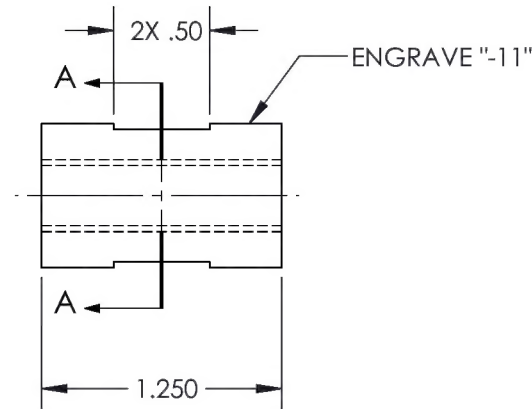
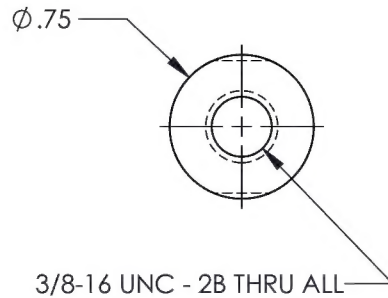
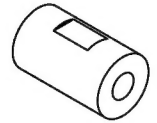
ATTACHMENT ROD ASSY

<b>DART</b> AEROSPACE	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105-10</b>	REV. <b>6</b>
MAT'L REAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
DRAWN BY: COLE	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	SEE NOTE 4 SHT 1
SCALE 1:1	DATE 12/13/2001
SHEET 8 OF 10	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-11 MATERIAL CH'D TO ROUND BAR FOR EASE OF MANUFACTURE.	7/25/2003		
4		ADDED SET SCREW & DIM TO -11, ALSO NEW REVISION TABLE.	8/6/2007	WP	
6	16-0043	-11 ADDED ENGRAVE "-11".	2/23/2016	RJC	JAG



SECTION A-A

(-11)

ATTACH ROD

<b>DART AEROSPACE</b>	
TITLE <b>PULLEY BEARING SCREW SET</b>	
DWG NO. <b>269T9336-105-11</b>	REV. <b>6</b>
MAT'L SP <b>REAR</b> <b>TREAT</b> <b>FINISH</b> BLACK OXIDE <b>SPEC</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
DRAWN BY: <b>COLE</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>DUERFELDT</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	SEE NOTE 4 SHT 1
SCALE <b>1:1</b>	DATE <b>12/13/2001</b>
SHEET 9 OF 10	

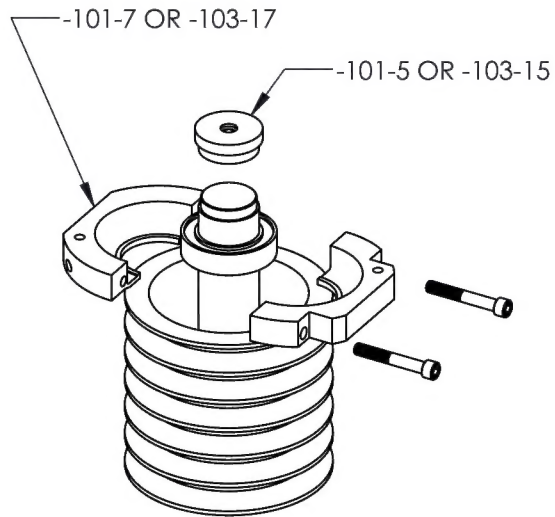
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### STEP 1:

FROM KIT -101 OR -103  
SLIDE THE PULLER BODY  
HALVES UNDER THE  
BEARING AND FASTEN  
TOGETHER WITH CAP  
SCREWS AS SHOWN.  
PLACE -101-5 OR -103-  
15 SHAFT PLUG ON THE  
END OF SHAFT.

#### NOTE:

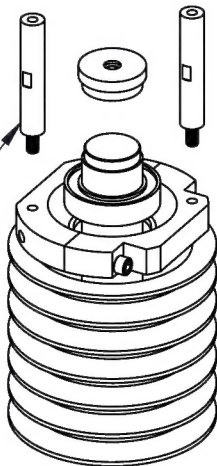
ENSURE THE -101-5 OR -  
103-15 SHAFT PLUG HAS  
A BALL BEARING  
INSTALLED IN IT. IF IT  
DOES NOT, REPLACE IT  
BEFORE USING TOOL.



### STEP 2

FROM THE -105 KIT,  
SCREW THE -105-9 OR  
THE -105-11 ATTACHMENT  
RODS AS SHOWN INTO  
THE ASSEMBLED -101-7  
OR -103-17 PULLER  
BODY.

-105-9 OR -105-11



### STEP 3

ATTACH -105-1 BAR SECURELY  
TO RODS USING CAP SCREWS  
AS SHOWN.  
LUBRICATE THREADS OF -105-3  
PULLER BOLT AND SCREW  
THROUGH -105-1 BAR AND INTO  
-101-5 OR -103-15 SHAFT PLUG.

USING A 1-1/8 WRENCH  
TIGHTEN -105-3 BOLT UNTIL  
BEARING IS REMOVED FROM  
SHAFT.

#### NOTE:

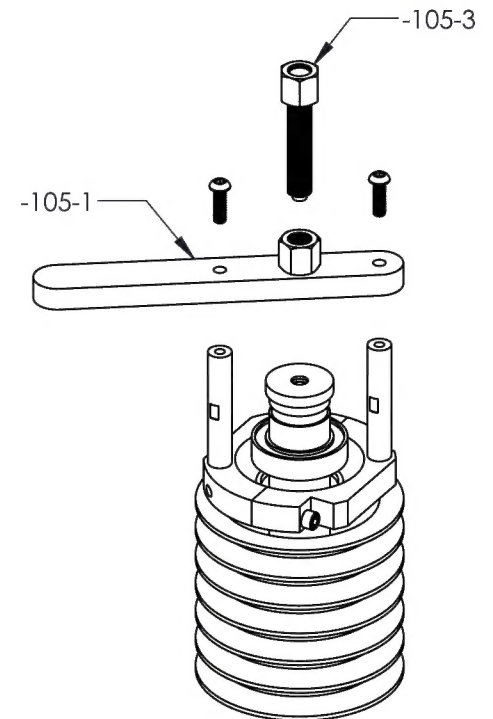
DO NOT USE IMPACT WRENCH  
OR ANY OTHER POWER TOOL  
TO PULL BEARING.

#### NOTE:

LONG END OF -105-1 BAR MAY  
BE HELD IN A VICE AS  
NECESSARY.

#### NOTICE:

-101, -103 AND -105 KITS SOLD SEPARATELY.



**DART**  
AEROSPACE

190 S. Danebo Ave., Eugene, OR. 97402  
1-800-556-4166  
e-mail: sales@dartaero.com  
dartaerospace.com

TITLE PULLEY BEARING SCREW SET			
DWG. NO. 269T9336-105	REV 6	CUSTOMER 1 OF 1	
SCALE 1:6	DATE 12/23/2010	SHEET	10 OF 10